BRUHATH BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of Work: Providing RCC drains at Ashwini Garden and parallel roads in Ward No.10

					Estimate Cost:				950000.00
Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Removing B.S. slab of Drain and stacking. (P No.24 / i 5.32 SR 2010-11)	Sqm							
			2	206.00	(0.30+0.30+0.30)		370.80		
							370.80		
	80% of Qty						296.64		
	10% of Covering Slabs						29.66		
							326.30	42.77	**13955.37**
	Basic Rate	39.60							
	Area Weightage @ 8%	3.17							
	Total	**42.77**							
2	KSRRB 300-1 : Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications complete as per specifications. (P No.126 / i 19.1 SR 2010-11)	**Cum**							
			2	206.00	0.60	0.90	222.48		
							222.48		
	Deduction of Existing Drain		2	206.00	0.30	0.90	111.24		
							111.24	56.16	**6247.24**
	Basic Rate	52.00							
	Area Weightage @ 8%	4.16							
	Total	**56.16**							
3	KSRRB M300-53: Construction of embankment with approval material Gravel/Murrum with all lifts and leads,transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications. (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) (P No. 133 / i 19.60 SR 2010-11)	Cum							
			2	206.00	0.60	0.15	37.08		
							37.08	146.88	**5446.31**
	Basic Rate	136.00							
	Area Weightage @ 8%	10.88							
	Total	**146.88**							

4	KSRB 4-1.3: Providing and laying in position plain cement concrete mix 1:4:8 using 40mm and down size graded granite metal machine, concrete laid in layers not exceeding 15 cms. Thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specification No.KBS 4.1, 4.2 (P No. 12 / i 4.3 SR 2010-11)	Cum							
			2	206.00	0.60	0.15	37.08		
							37.08	3495.96	**129630.20**
	Basic Rate	3101.00							
	Add Differnce in Cost of Cement 3.40x40.00 =	136.00							
		3237.00							
	Area Weightage @ 8%	258.96							
	Total	**3495.96**							
5	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc.., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses,plinth and string courses cost of all materials,labour complete as per specifications. (P No. 14 / i 4.31 SR 2010-11)	Sqm							
			2 X 3	206.00		0.60	741.60		
							741.60	199.80	**148171.68**
	Basic Rate	185.00							
	Area Weightage @ 8%	14.80							
	Total	**199.80**							
6	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slab, staircase, lintels, retaining walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks plain window cills,fillets etc.., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P No. 12 / i 4.11 SR 2010-11)	Cum							
	Sides		2 X 2	206.00	0.10	0.45	37.08		
	Bottom		1 X 2	206.00	0.60	0.15	37.08		
							74.16	5247.72	**389170.92**
	Basic Rate	4539.00							
	Add Differnce in Cost of Cement 8.00x40.00 =	320.00							
	Total	4859.00							
	Area Weightage @ 8%	388.72							
	Total	5247.72							

7	KSRB 4.9.2 : Providing T.M.T steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and westage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (P No. 16 Item No.4.46 PWD SR 2010-11)	Qntl							
		At 60% of Qty vide item No. 06					**44.50**	5204.52	**231580.32**
	Basic Rate	4819.00							
	Area Weightage @ 8%	385.52							
	Total	**5204.52**							
8	Refixing stone slabs of drains and pointing in C.M. (1:3) (P No.24 / i 5.33 SR 2010-11)	Sqm							
	Covering Slabs		2	206.00	0.60		247.20		
							247.20	51.30	**12681.36**
	Basic Rate	47.50							
	Area Weightage @ 8%	3.80							
	Total	**51.30**							
9	Leadfor disposalof debris shall be payable at the following rates	**Cum**							
	Basic rate for haulage of materials as per item no.17.4 page 118) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 5X1.20X2.00=12.00	12.00							
	Add loading and unloading Vide item no.17.1 P.no.118	62.20							
		74.20							
	Area Weightage @ 8%	5.94			Qty. Vide Item No. 02		**111.24**	80.14	**8914.33**
	Total	80.14							
10	Miscellaneous and unforeseen charges				Lead Not approved				**4202.28**
								Total	**950000.00**
	(Rupees:- Nine Lakhs Fifty thousand Only)								

CERTIFICATE

1. Certified that I have personally inspected the area and prepared the Estimate.
2. Certified that the work proposed in this estimate is approved under MLA Grants 2011-2012
3. Certified that the work proposed in this estimate is not including in any other scheme.
4. Certified that the above estimate is prepared as per PWD SR 2010-11.

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub-Division
B.B.M.P. Bangalore.

Executive Engineer
Byatarayanapura Division.
B.B.M.P. Bangalore.

Administrative approval for Rs 9.50 lakhs
Rs - Nine lakhs Fifty
Thousand only
is accorded under head P-2201
M.L.A Grants 11-12

registered as EE No: 213 / 25/7/4 Subject
to conditions contained enclosed memo.
No: 213 /11-12 / Dt. 25/7/4

AE/JE

EE (BTP. Div.) 25/7

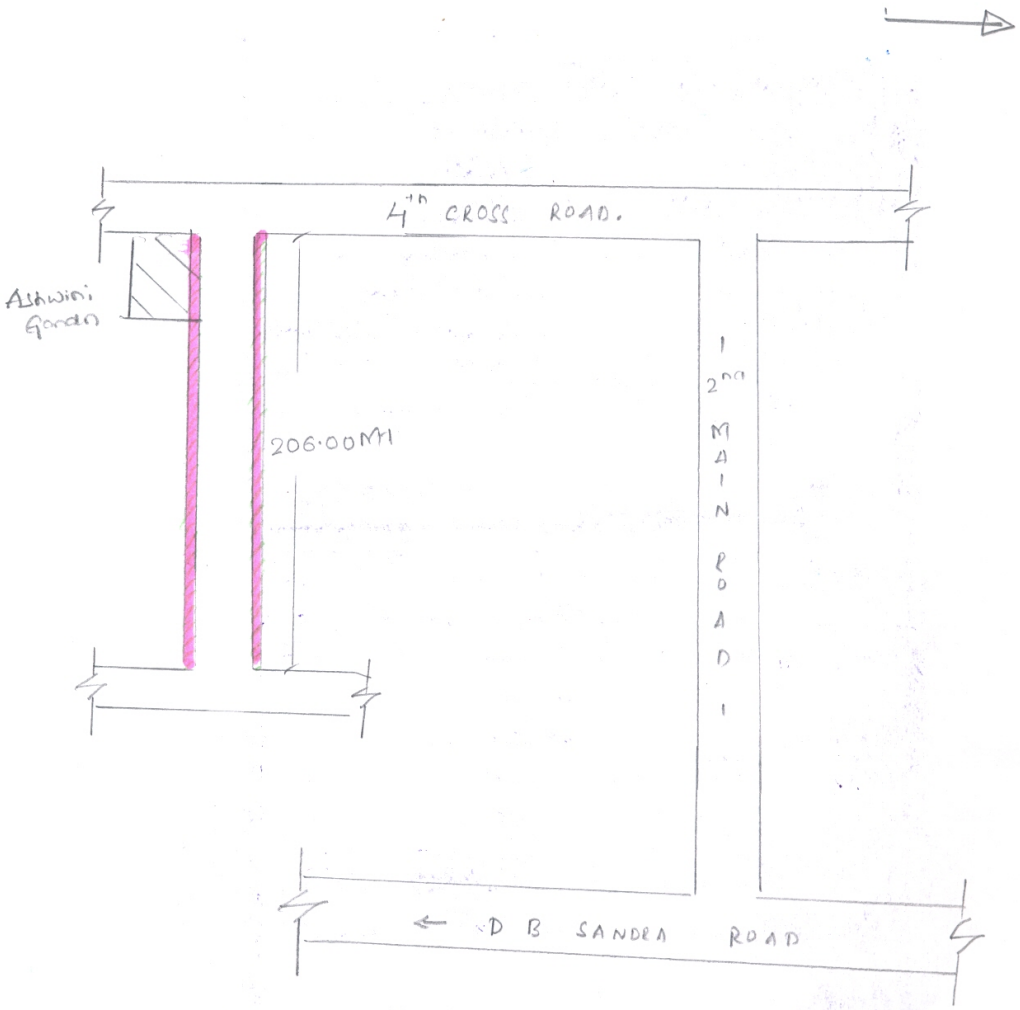
Technical Sanction for Rs 9.50 lakhs
Rs - Nine lakhs Fifty
Thousand only
under P-2201 M.L.A
Grants 11-12

registered as EE No: 213 / 25/7/4 Subject
to conditions contained enclosed memo.
No: 213 /11-12 / Dr. 25/7/4

AE/JE

EE (BTP. Div.) 25/7

...ing R.C.C. drains at Ashwini Garden and parallel ...ds in ward No. 10.



proposed for R.C.C. drain.

Refixing Stone slabs.